

Work Order ID 54568

Page 1

December 14, 2009 10:40:39 AM

Item ID: D206-558-041

Accept



Setup Start



Revision ID:

Item Name: Single Cargo Mirror Assembly

Stop



Start Date: 14/12/2009 Start Qty: 4.00



Cust Item ID:

Required Date: 21/12/2009 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan:

Date: 09/12/14

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

IIN D206-558	Rev C
--------------	-------

100



DOCUMENT CONTROL

DC

Document Control

Memo

0.00

Photocopy bluefile and type labels as per PPP D206-558-041 CHG008

110



Small Fab

0.00

Small Fab

Memo

0.00

Small Fab

Assemble as per Dwg D206-558

120



QC5- Inspect part completeness to step on W/O

0.00

QC

Quality Control

Memo

0.00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 54568

Page 2

December 14, 2009 10:40:39 AM

Item ID: D206-558-041

Accept



Setup Start



Revision ID:

Item Name: Single Cargo Mirror Assembly

Stop



Start Date: 14/12/2009 Start Qty: 4.00



Cust Item ID:

Required Date: 21/12/2009 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC4- 100% Inspect kits for completeness

0.00

=> 10/01/15



QC

Quality Control

+ Mirrors are wrapped in serum
Memeo wrap.

140

Packaging

0.00

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D206-558-041

Location: 41
PPP Rev: 2

10-1-15 sf 4

150

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

10/01/15

MF 10-1-15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

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December 14, 2009 10:40:43 AM

Work Order ID: 54568



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 14/12/2009

Required Date: 21/12/2009

Comments: IPP RevI: at chg008 DD 09.11.26 verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3-4A		Purchased		No			Each	2,083.000	16.0000		9/12/16	SP

5
4

Bolt

Warehouse

Location

Main Warehouse

ST	2083
103915	24
104214	500
104291	300
104322	200
104374	200
104625	300
104817	559

14
2

AN526-1032R9

5
4

Purchased

No

Each 131.0000 16.0000

C
4

Screw

Warehouse

Location

Main Warehouse

ST	131
101189	6
110584	5
111758	120

14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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December 14, 2009 10:40:43 AM

Page 2

Work Order ID: 54568



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Comments: IPP RevI: at chg008 DD 09.11.26 verified by:EC

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Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	--------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN960JD10 Purchased No Each 1,862.000 16.0000

Washer

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-------------------------------------	----------------	-----------------

Main Warehouse

ST	1862	
105442	8	
109059	2	
109840	23	
110139	2	
110985	202	
111279	5	
111668	64	
112314	534	
112369	22	
113149	1000	

Each 5,431.000 24.0000



AN960JD10L Washer

Purchased No

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-------------------------------------	----------------	-----------------

Main Warehouse

ST	5431	
101291	16	
104885	153	
105793	236	
109632	272	
110985	4754	

24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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December 14, 2009 10:40:43 AM

Work Order ID: 54568



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 14/12/2009

Required Date: 21/12/2009

Comments: IPP RevI: at chg008 DD 09.11.26 verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	-------------	--------------------------	---------------	----------------	--------

D2011-101		Manufactured	No				Each	38.0000	4.0000			
-----------	--	--------------	----	--	--	--	------	---------	--------	--	--	--

6" Mirror

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	38	
51351	8	
53992	30	

D2052		Manufactured	No				Each	17.0000	8.0000			
-------	--	--------------	----	--	--	--	------	---------	--------	--	--	--

Mounting Bracket

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	17	
39556	5	
47596	12	

D2053	X	Manufactured	No				Each	27.0000	4.0000			
-------	---	--------------	----	--	--	--	------	---------	--------	--	--	--

Mounting Bracket

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	27	
38531	5	
47595	22	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 54568



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 14/12/2009

Required Date: 21/12/2009

Comments: IPP RevI: at chg008 DD 09.11.26 verified by;EC

Start Qty: 4.00

Required Qty: 4.00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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December 14, 2009 10:40:44 AM

Work Order ID: 54568



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 14/12/2009

Required Date: 21/12/2009

Comments: IPP RevI: at chg008 DD 09.11.26 verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remain Qty To Pick	Qty Issued	Date Issued	Status
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D2057		Manufactured	No				Each	67.0000	4.0000		EP09/12/16	
-------	--	--------------	----	--	--	--	------	---------	--------	--	------------	--

Plug

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

67

34366

42

40048

25

D2065

Manufactured

No

Each 11.0000 4.0000

Arm

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

11

41524

10

45543

1

D2067 / 4

Manufactured

No

Each 1.0000 4.0000

Connector

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

1

39558

1

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

Picklist Print

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December 14, 2009 10:40:44 AM

Work Order ID: 54568



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 14/12/2009

Required Date: 21/12/2009

Comments: IPP Revl: at chg008 DD 09.11.26 verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2071 Manufactured No

Each 7.0000 4.0000

9/12/16

sf

Su Cable Assembly

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

47601

7

7

Each 9.0000 4.0000

4

9/12/16 sf

D3778-1 Manufactured No

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

45576

9

9

Each 2,640.000 4.0000

4

9/12/16 sf

4v

MS21042L3 Purchased No

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

2640

110844

32

111274

31

111668

156

112314

1921

112385

500

4

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

Picklist Print

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December 14, 2009 10:40:44 AM

Work Order ID: 54568



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 14/12/2009

Required Date: 21/12/2009

Comments: IPP RevI: at chg008 DD 09.11.26 verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	First Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3		Purchased		No			Each	2,640.000	8.0000		EF09/12/16	

Nut

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Location

Main Warehouse

ST	2640	
110844	32	
111274	31	
111668	156	
112314	1921	
112385	500	

MS21919-DG5

82

Purchased

No

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Location

Main Warehouse

ST	57	
110916	57	

MS27039-1-18

Purchased

No

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Location

Main Warehouse

ST	52	
110916	52	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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December 14, 2009 10:40:44 AM

Work Order ID: 54568



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 14/12/2009

Required Date: 21/12/2009

Comments: IPP RevI: at chg008 DD 09.11.26 verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item If [*] Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	*Date Issued	Status
---	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	-----------------	--------

MS35489-9	Y	Purchased		No			Each	112.0000	4.0000			
-----------	---	-----------	--	----	--	--	------	----------	--------	--	--	--

G
+4
Grommet



9/12/16 SJ

47

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

Main Warehouse

ST	112
107376	32
109371	80

112
32
80

4

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

3.0 CARGO MIRROR INSTALLATION

Install the Cargo Mirror as follows:

1. Install D206-558-041-043 cargo mirror assembly using AN3-4A bolts and AN960JD10L washers. Pickup existing anchor nuts in 4 places.
2. Install D2067 connector onto D2056 bellcrank assembly to locate hole for MS35489-9 grommet. With the mirror in the deployed position, mark and drill $\varnothing 0.125$ " (3.2mm) hole in landing light window panel where the grommet should be located. Open pilot hole to $\varnothing 0.563$ " (14.3mm). Install grommet.
3. Install D2053 bracket using AN526-1032R9 screws. Pickup on existing anchor nuts.
4. Position D2071 cable as shown. Install MS21919DG5 clamps using AN526-1032R9 screws where required. Pickup existing rivnuts or anchor nuts if available.
5. Install D2071 control cable using D2067 connector. Connector should rotate freely in bellcrank when MS21042-3 nut is torqued and cable clamped

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 54668
8/10/02-14

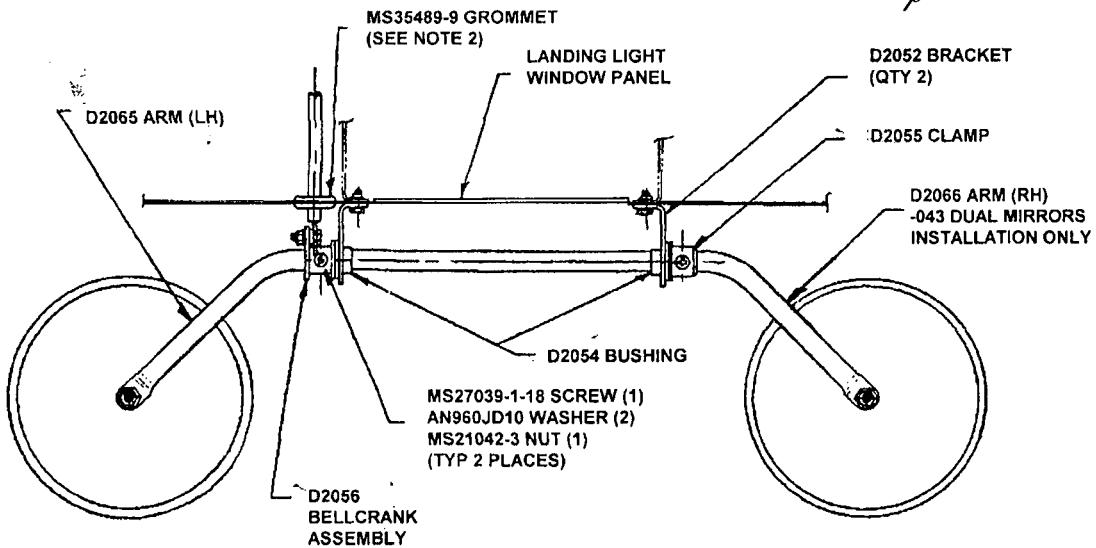


Figure 2: – View A: Looking Aft.
(D206-558-043 Mirror Shown)

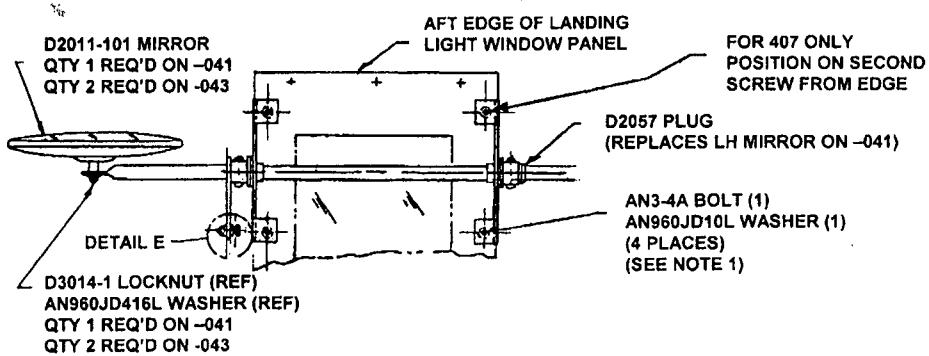
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

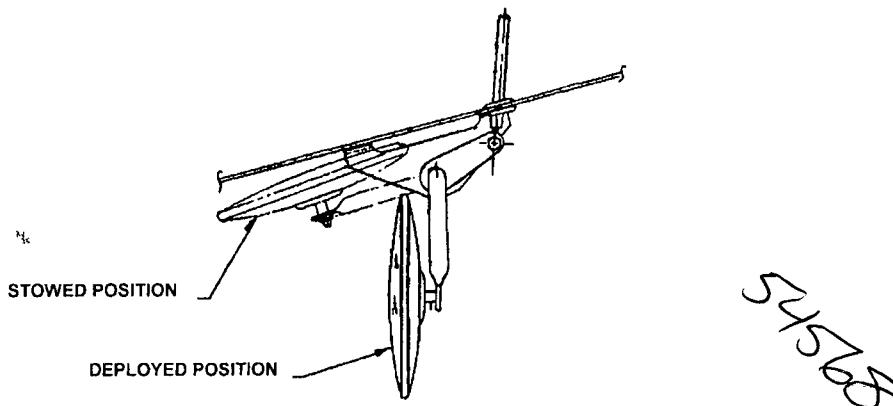
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

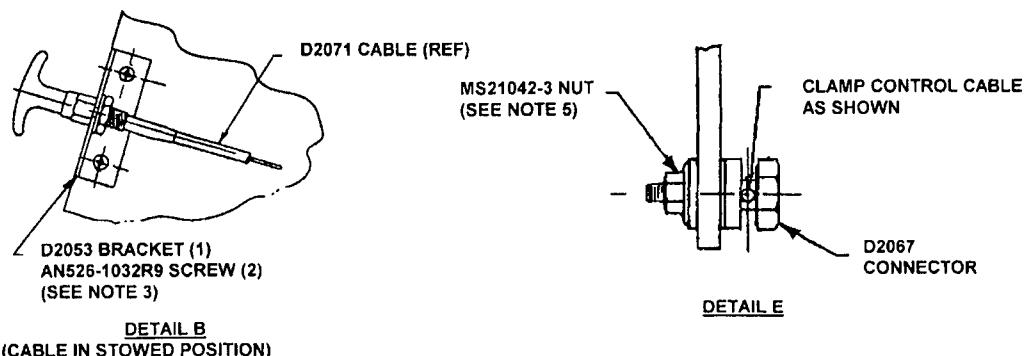
NOTE: Date & initial all entries



*Figure 3: – View C: Looking Down on Mirror Installation
(D206-558-041 Mirror Shown)*



*Figure 4: – Detail D: Looking from Side on Mirror Installation
(D206-558-041/-043 Mirror Shown)*



*Figure 5: – Details B and E on Mirror Installation
(D206-558-041/-043 Mirror Shown)*

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Revision: C
Date: 01.10.03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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FROM THIS POINT FORWARD, CUSTOMERS SHOULD ORDER D407-558-045/-047 IN LIEU OF D206-558-041/-043 WHEN PROCURING SINGLE/DUAL MIRRORS FOR BHT 407 MODELS. AMEND SECTIONS 4.0 AND 5.0 OF INSTALLATION INSTRUCTIONS D206-558 REV. C OR EARLIER AND 25.3 AND 25.4 OF ICA-D206-558 REV. 0 AS FOLLOWS:

4.0 WEIGHT AND BALANCE (D206-558 REV. C OR EARLIER)
25.3 WEIGHT AND BALANCE (ICA-D206-558 REV. 0)

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041 Bell 206A/B/L/L1/L3/L4	2.4 lb 1.09 Kg	+5.0 in +0.13 m	+12.0 in-lb +0.14 m-Kg	+14.8 in +0.38 m	+35.5 in-lb +0.41 m-Kg
D206-558-043 Bell 206A/B/L/L1/L3/L4	3.0 lb 1.36 Kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-Kg	+14.8 in +0.38 m	+44.4 in-lb +0.52 m-Kg
D407-558-045 Bell 407	2.4 lb 1.09 Kg	+5.0 in +0.13 m	+12.0 in-lb +0.14 m-Kg	+14.8 in +0.38 m	+35.5 in-lb +0.41 m-Kg
D407-558-047 Bell 407	3.0 lb 1.36 Kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-Kg	+14.8 in +0.38 m	+44.4 in-lb +0.52 m-Kg

5.0 PARTS LIST (D206-558 REV. C OR EARLIER)
25.4 PARTS LIST (ICA-D206-558 REV. 0)

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X			D206-558-043	DUAL CARGO MIRROR ASSEMBLY
		X		D407-558-045	SINGLE CARGO MIRROR ASSEMBLY
			X	D407-558-047	DUAL CARGO MIRROR ASSEMBLY
1	2	1	2	D2011-101 *	MIRROR ASSEMBLY
2	2	2	2	D2052 *	BRACKET
1	1	1	1	D2053	BRACKET
2	2	2	2	D2054 *	BUSHING
1	1	1	1	D2055 *	CLAMP
1	1	1	1	D2056 *	BELLCRANK ASSEMBLY
1		1	1	D2057 *	PLUG
1		1	1	D2065 *	ARM
	1		1	D2066	ARM
1	1	1	1	D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	1	D2071-3	CABLE ASSEMBLY
1	2	1	2	D3014-1	* LOCKNUT
1	1	1	1	D3778-1	BRACKET
4	4	4	4	AN3-4A	BOLT
4	4	4	4	AN526-1032R9	SCREW
1	2	1	2	AN960JD416L *	* WASHER
4	4	4	4	AN960JD10 *	WASHER
6	6	6	6	AN960JD10L	WASHER
3	3	3	3	MS21042-3	NUT (or MS21042L3)
2	2	2	2	MS21919DG5	CLAMP
2	2	2	2	MS27039-1-18 *	SCREW
1	1			MS35489-9	GROMMET
		1	1	MS35489-67	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	08.12.04
CERT. NO.:	SH92-17
ISSUE NO.:	7

DESIGN	<i>14</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>14</i>		
CHECKED	<i>14</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>14</i>	DSI 9436	SHEET 2 OF 2
APPROVED	<i>14</i>	TITLE	
DE APPR.	<i>14</i>	SCALE	
DATE	08.12.04	NTS	
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25.2 CARGO MIRROR REMOVAL

1. Loosen MS21042-3 nut and remove D2071 control cable from D2067 connector.
2. Remove (4) AN3-4A bolts and remove D2052 bracket.
3. Remove (2) AN526-1032R9 screws and (2) MS21919DG5 clamps.
4. Remove (2) AN526-1032R9 screws, the D2053 bracket and the D2071 cable assembly.

25.3 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041 Bell 206A/B/L1/L3/L4 Bell 407	2.4 lb 1.09 Kg	+5.0 in +0.13 m	+12.0 in-lb +0.14 m-Kg	+14.8 in +0.38 m	+35.5 in-lb +0.41 m-Kg
D206-558-043 Bell 206A/B/L1/L3/L4 Bell 407	3.0 lb 1.36 Kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-Kg	+14.8 in +0.38 m	+44.4 in-lb +0.52 m-Kg

25.4 PARTS LIST

Qty -041	Qty -043	Part Number	Description
X		D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X	D206-558-043	DUAL CARGO MIRROR ASSEMBLY
4	2	D3014-1	* LOCKNUT
1	1	D2071	CABLE ASSEMBLY
2	2	D2054	BUSHING
1	1	D2067	CONNECTOR
1		D2066	ARM
1		D2065	ARM
1		D2057	PLUG
1	1	D2056	BELLCRANK ASSEMBLY
1	1	D2055	CLAMP
1	1	D2053	BRACKET
2	2	D2052	BRACKET
1	2	D2011-101	MIRROR ASSEMBLY
4	4	AN3-4A	BOLT
4	4	AN526-1032R9	SCREW
1	2	AN960JD416L	* WASHER
4	4	AN960JD410	WASHER
6	6	AN960JD10L	WASHER
3	3	MS21042-3	NUT (or MS21042L3)
2	2	MS21919DG5	CLAMP
2	2	MS27039-1-48	SCREW
1	1	MS35489-9	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

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